



Crops & Weather

National Agricultural Statistics Service lowa Field Office

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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending August 19, 2012

Despite scattered showers and moderate temperatures, crop conditions showed little change according to USDA's National Agricultural Statistics Service, Iowa Field Office. Crop development continues to stay ahead of normal pace. The week's activities included cutting hay, spraying crops, and chopping corn for silage.

There were 6.2 days suitable for fieldwork statewide during the past week. East central Iowa, with 5.5 days, was the only area of the state with less than 6.0 days suitable for fieldwork. Topsoil moisture level is unchanged from last week at 60 percent very short, 31 percent short, 9 percent adequate, and 0 percent surplus. Subsoil moisture also remains unchanged from last week at 70 percent very short, 26 percent short, 4 percent adequate, and 0 percent surplus.

Ninety percent of the corn crop has reached dough stage, ahead of last year's 71 percent and the five year average of 59 percent. Sixty-five percent of the corn crop has reached the dent stage, ahead of last year's 33 percent and the five year average of 25 percent. Thirteen percent of the corn crop is now mature, almost three weeks ahead of normal. Corn condition is reported at 23 percent very poor, 30 percent poor, 32 percent fair, 14 percent good, and 1 percent excellent. Pods are being set on 95 percent of the soybean crop. Five percent of soybean fields are turning color. Soybean condition is reported at 14 percent very poor, 23 percent poor, 38 percent fair, 23 percent good, and 2 percent excellent. Harvest of third cutting of alfalfa hay, at 93 percent complete, is a month ahead of normal.

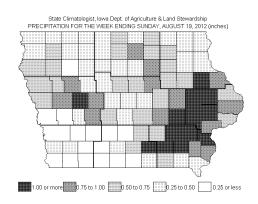
Only sixteen percent of Iowa's pasture and range land is rated in fair or better condition. Pasture and range condition rated 57 percent very poor, 27 percent poor, 13 percent fair, 3 percent good, and 0 percent excellent. Moderating temperatures have improved conditions for livestock.

Crop Conditions as of August 19, 2012

Item	Very Poor	Poor	Fair	Good	Excellent	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Corn	23	30	32	14	1	
Soybeans	14	23	38	23	2	
Pasture & Range	57	27	13	3	0	

IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

The past reporting week brought mostly cooler than usual weather to Iowa with widely varying rainfall amounts. Temperatures averaged below normal on each day except Wednesday (15th) when highs reached into the low 90s over portions of southwest Iowa. Temperatures fell well below normal over the weekend with several daily record low readings reported on Friday (17th) and Saturday (18th) mornings. Temperature extremes for the week varied from a Wednesday afternoon high of 93 degrees at Little Sioux to Friday morning lows of 38 degrees at Battle Creek and Sibley. Temperatures for the week as a whole averaged 6.1 degrees below normal to make this the coolest week in eleven weeks (early June). Rain fell over much of Iowa late Sunday (12th) into Monday (13th) morning with locally heavy rain over a small area of southeast Iowa. Rain also fell over much of the state Wednesday night into Thursday morning. Finally, light rain fell across portions of the west one-half of the state on Saturday (18th). There were scattered light rain showers across about the northeast one-half of Iowa on Sunday (19th) but these arrived after the crop condition survey and will be included in next week's report. Weekly rain totals varied from none at Shenandoah, Sidney, Clarinda and Mount Ayr to 2.26 inches at Brighton (Washington Co.). The statewide average precipitation was 0.60 inches while normal for the week is 0.98 inches. Rainfall, while greater than seen during July, has remained below normal for nine consecutive weeks.



Field Work and Crop Progress as of August 19, 2012

Item		Districts									Last	Last	5-yr
item	NW	NC	NE	WC	С	EC	SW	SC	SE	State	Week	Year	Avg
	(Percent)												
Corn in or past milk stage	99	99	92	99	99	97	99	93	92	97	94	92	88
Corn in or past dough stage	96	91	80	94	94	86	94	81	83	90	80	71	59
Corn in or past dent stage	74	64	49	70	76	58	76	54	46	65	45	33	25
Corn mature (safe from frost)	9	8	6	15	17	17	26	12	9	13	7	0	0
Soybeans setting pods	98	97	94	98	98	91	96	88	88	95	88	90	91
Soybean leaves turning color	4	6	5	4	5	9	5	2	3	5	2	1	1
Hay, alfalfa - 3rd cutting	93	90	98	96	95	99	94	82	95	93	88	53	42

Days Suitable & Soil Moisture Condition as of August 19, 2012

Item				State	Last	Last						
	NW	NC	NE	WC	С	EC	SW	SC	SE	State	Week	Year
	(Days)											
Days suitable	6.1	6.2	6.0	6.1	6.0	5.5	6.7	6.9	6.6	6.2	6.1	6.1
	(Percent)											
Topsoil moisture												
Very short	55	63	55	68	49	36	84	79	61	60	60	14
Short	32	35	35	29	31	36	16	21	36	31	31	35
Adequate	13	2	10	3	20	27	0	0	3	9	9	48
Surplus	0	0	0	0	0	1	0	0	0	0	0	3
Subsoil moisture												
Very short	66	74	64	73	64	64	83	89	65	70	70	9
Short	27	25	30	26	29	30	15	11	33	26	26	32
Adequate	7	1	6	1	7	6	2	0	2	4	4	57
Surplus	0	0	0	0	0	0	0	0	0	0	0	2

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, August 19, 2012, Prepared by AWIS, Inc.

For the week ending:	7:00 an	n Sunda	ay, Aug	ust 19, 2	2012, Prepa	red by Al	WIS, Inc.						
			Cu	rrent Weel	k		Since April 1						
		Tempe	erature		Precipita	ation	Precipita	GDD Base	50F				
Station	High	Low	Avg.	DFN	Total DFN		Total	DFN	Total	DFN			
			7.1.9.			orth West Di							
Estherville	84	11	64	-6	0.38	-0.46	13.50	-2.43	2,417	489			
Sioux Center	90	44 39	64 67	-4	0.36	-0.46	14.13	-2.43	2,417	469 456			
Spencer	87	39	64	-7	0.49	-0.42	16.05	-0.73	2,580	513			
Spirit Lake	87	53	67	-3	0.13	-0.71	15.16	-0.69	2,484	450			
						th Central D			_,				
Britt	84	45	63	-9	0.49	-0.28	14.67	-2.92	2,332	352			
Dakota City		45	65	-9 -7	0.49	-0.26	12.52	-5.54	2,528	385			
Mason City	84	43	64	-6	0.71	-0.20	11.16	-7.21	2,412	391			
Osage	81	48	64	-7	0.63	-0.40	15.22	-3.39	2,320	385			
S		North East District											
Decorah	82	43	67	-5	0.32	-0.59	13.48	-4.50	2,511	450			
Dubuque	83	48	66	-5 -5	1.09	0.03	10.48	-8.46	2,392	373			
Elkader	83	40	64	-7	0.47	-0.51	12.04	-5.91	2,100	113			
Fayette	83	44	64	-7	0.29	-0.69	15.44	-3.43	2,308	463			
Waterloo	84	43	66	-5	0.83	0.05	11.39	-7.61	2,606	438			
					We	st Central D	District	· ·					
Carroll	89	46	66	-6	1.83	0.99	13.59	-5.70	2,635	430			
Castana	91	49	66	-7	0.50	-0.32	14.75	-2.06	2,637	237			
Guthrie Center	88	41	64	-9	0.69	-0.29	12.42	-6.14	2,670	417			
Harlan	88	43	65	-8	0.21	-0.57	12.32	-5.37	2,600	430			
Jefferson	88	45	65	-7	0.90	0.06	10.88	-8.41	2,586	367			
Logan	92	43	66	-7	0.17	-0.60	13.36	-4.09	2,730	380			
Rockwell City		48	65	-8	0.33	-0.51	13.48	-4.68	2,536	374			
Sac CitySioux City	88 91	45 43	64 66	-8 -7	0.95 0.55	0.10 -0.08	14.06 15.43	-3.67 0.64	2,438 2,831	381 540			
Sloux City	91	43	00	-1				0.04	2,031	340			
_		I				Central Dist	ı						
Boone	87	45	65	-7	0.28	-0.63	14.37	-4.95	2,532	341			
Des Moines	90	51	69 65	-6	0.07	-0.91	14.09	-3.77	3,163	727			
Grundy Center Marshalltown	84 86	45 45	65	-6 -6	0.62 0.27	-0.22 -0.78	12.75 7.50	-5.98 -11.67	2,487 2,675	435 501			
Newton	88	48	66	-7	0.59	-0.76	10.63	-7.51	2,632	238			
Perry	90	45	65	-7	1.64	0.73	15.85	-2.50	2,646	462			
Toledo	85	45	64	-8	0.54	-0.51	11.32	-8.19	2,400	345			
		I		1	Ea	st Central D	istrict	l .					
Cedar Rapids	82	47	65	-7	1.10	0.19	11.40	-6.61	2,588	324			
Davenport		45	67	-7	0.65	-0.33	15.54	-2.31	2,654	165			
Iowa City		49	68	-7	0.78	-0.20	13.01	-6.93	2,824	238			
Lowden		43	65	-7	1.08	0.03	12.92	-7.02	2,508	387			
Maquoketa	84	45	64	-7	0.88	-0.12	9.63	-8.27	2,298	208			
Muscatine	85	47	67	-7	0.86	0.01	15.24	-3.41	2,585	102			
		T			Sc	uth West Di	istrict						
Atlantic	91	40	65	-7	0.02	-0.76	10.83	-6.12	2,677	399			
Clarinda		42	66	-8	0.00	-0.98	14.92	-5.40	2,765	486			
Glenwood		46	65	-8	0.25	-0.62	11.06	-7.51	2,792	314			
Red Oak		46	67	-8 -7	0.49	-0.48	18.38	-1.66	2,908	534			
Sidney	92	50	68	-/	0.00	-0.95	10.97	-8.10	2,950	446			
	South Central District												
Allerton	89	50	67	-6	0.08	-0.85	12.25	-6.65	2,704	410			
Beaconsfield		52	67	-6	0.05	-0.86	13.65	-4.75	2,694	438			
CharitonIndianola		47 42	66 66	-7 -7	0.51 0.08	-0.38 -0.78	15.17 9.28	-4.07 -9.27	2,738 2,726	547 553			
Leon	92 89	42 42	65	-7 -8	0.06	-0.78 -0.99	9.26 14.56	-9.27 -4.57	2,726	403			
LOUIT	- 03	72	03	-0			l l	4.57	۷,011	+03			
Disconfield	South East District												
Bloomfield		48	67	-7 E	0.62	-0.39	11.54	-7.61 6.50	2,799	424			
Burlington Ottumwa		47 47	69 67	-5 -7	0.46 1.84	-0.38 1.00	11.42 13.59	-6.50 -4.26	2,879 2,787	347 249			
Washington	87	46	66	-7 -9	1.64	0.81	16.84	-0.70	2,679	255			
Procinitation (rain molted or							of 0.01 inch or more		tures in Dearc				

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2012: AWIS, Inc. All Rights Reserved.